

K & F
MINING
TRANSIT BOOK
363A

CC

36

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.
NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

"Copyright, 1895, by Keuffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0										0
1	10.0										1
2	11.0										2
3	12.0										3
4	13.0										4
5	14.0										5
6	15.0										6
7	16.0										7
8	17.0										8
9	18.0										9
10	19.0										10
11	20.0										11
12	21.0										12
13	22.0										13
14	23.0										14
15	24.0										15
16	25.0										16
17	26.0										17
18	27.0										18
19	28.0										19
20	29.0										20
21	30.0										21
22	31.0										22
23	32.0										23
24	33.0										24
25	34.0										25
26	35.0										26
27	36.0										27
28	37.0										28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

For Keith's Railroad Curve Tables see end of book.

$\frac{1}{16} = 7521 \text{ V } 9^\circ \text{ E}$
 $\frac{1}{16} = 6531 \text{ V } 7^\circ \text{ E}$
 $\frac{1}{16} = 45 \text{ V } 20^\circ \text{ E}$

This book posted to Comer
reports files + Comers checked to

874-9 for
Comer data

2/9/37

Traverse -
Smith Side T. T.
Big Dr - T.
Little Han T.
Spidwell T. W.

ok - indicates Comer

reports (874-9) made out
for field check + check to files

Ble.

2/9/37

12.27 Chs. W. of S.C. 15-16-21-22

5.82 W L 39°

1432 S 43° W to tower

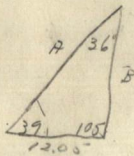
24.32 Chs W. of S.C. 15-16-21-22

5.82 W along sec. line
L 75° to tower

sin of 36° in to 1205

sin 105° in to A

$$\frac{\sin 36^\circ}{1205} = \frac{\sin 105^\circ}{A}$$



180
194
36

Lineal Survey Notes
of the
Day Lake Work Area
Itasca County
State of Minnesota
by

Ernest Perry

Page	Sec	T R	Page	Locating Wabeno T T
2	4-9	57-26	71	9-58 P25
4	9	" "	72	14 58 P27
6	9	" "		12 59 26
8	8	" "	73	24 59 26
10	6	" "	74	25 58 26
12	Road Traverse		76-77	21 59 26
14	26	59-27	78	Day Lake Tower orientat
16-20	18	59-26	79-85	21 59 26
22-24	Road Traverse		85-87	22 58 25
24	16-17	58-25		
28	15	" "		
30	21-28	58-26		
32-34	21	58-26		
38	28	" "		
40	27-28	" "		
42-44	Traverse			
46	Road Ties	Littlehorn TT		
48-50	33	58-26		
52-56	17	58-25		
58	20	58-25		
60	33	59-26		
62	11	57-26		
64-66		58-59 P26		
66-67	10	57-25		

Road enters 2 ch south of sec 34

L ch N to NE corner 13-147-25

N 68° W

1° Variation

1° - 80 chains = 140 links

1° - 40 " = 70 "

1° - 20 " = 35 "

1° - 10 " = 17.5 "

- Ab second growth aspen
 - B big balsom
 - Bc balsom poles
 - 3. big birch (over 9.6")
 - 3b birch poles (4 1/2" - 9.5")
 - 3b birch saplings
 - 4 Cedar
 - 5 Jack pine
 - 6 W. spruce
 - 7 B. spruce
 - 8 Norway
 - 9 W. pine
 - 1 brush
 - 2 Muskeg
- O grass land
 - # Recent burn
 - w Maple
 - M. Mix timber
 - A. Aspen

- a. to 6' high
- b. to 4.5"
- c. 4.6" to 9.5"

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MADE IN GERMANY.

7-14-34

Sec. Cor. 3-4-9-10 T. 57^N R. 26^W 4th PM
corner is a black ash post
3' high also 3 cornered iron
pin 12" high.

B.T. 4" black ash S 85° E. 98 Lks.

4" W. birch N. 39° W. 135 "

No other trees convenient
to mark

Corner located by county
resurvey.

West bet. Sec. 4 & 9. 27°

3.68 chs. Intersect old trail brs. N.W. & S.E.

5.52" Enter small circular bog

6.89" Leave same

32.25" Intersect old trail brs. N.E. & S.W.

40.21" To $\frac{1}{4}$ corner Sec. 4 & 9

Corner is a 4" balsam post
3' high also 3 cornered iron pin.

B.T. 9" maple S. 56° E. Dis. 69 lks.

No other trees convenient to mark

Second growth aspen

birch & scattered W. & N. pine

South from $\frac{1}{4}$ S. 4 & 9 V 6° 15'

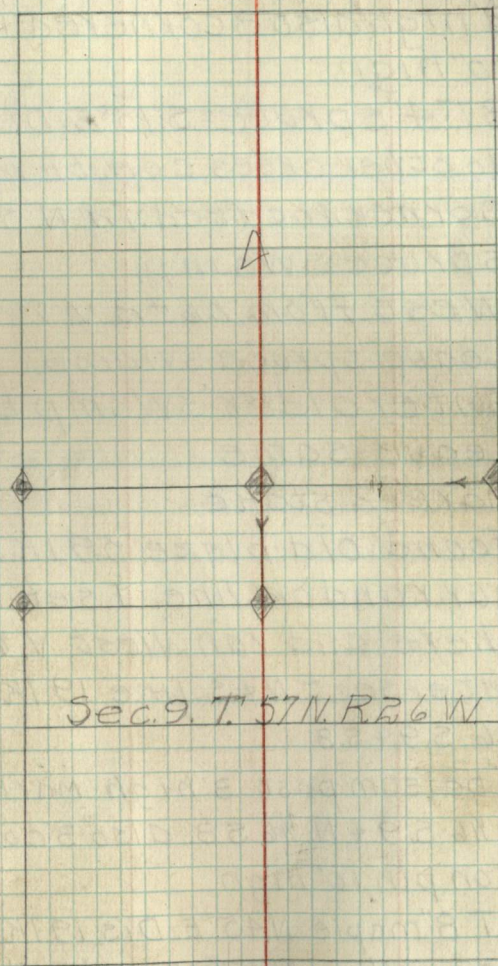
1.80 chs. Intersect old road brs. E & W.

20.00" " " E & W line 13 lks.

E. of $\frac{1}{6}$ corner # 2.

R

Sec. 4 T. 57^N R. 26^W 4th PM.



ok

7-16-34

1/6 #2-5.9-T. 57N-R26W-4th P.M.
corner is a 4" spruce post
3' high also 3 cornered iron pin
10" high.

B.T. 4" spruce S. 15° E. Dis. 76 lks.
No other trees con. to mark.

Corner located in N. side of
spruce swamp.

West from 1/6 #2. V. 7°

5.62 Ch. Leave spruce swamp.

10.66" Enter alder swamp brs N & S.

12.50" Leave same

20.00 Marked stake

Found old blaze 59 lks. N. of
our random line. I set compass
there and ran West λ , 8° 30'

39.93 Intersect N & S. line 19 lks. N. of
1/6 5.9 & 5.8

4" balsom post 3' high marked

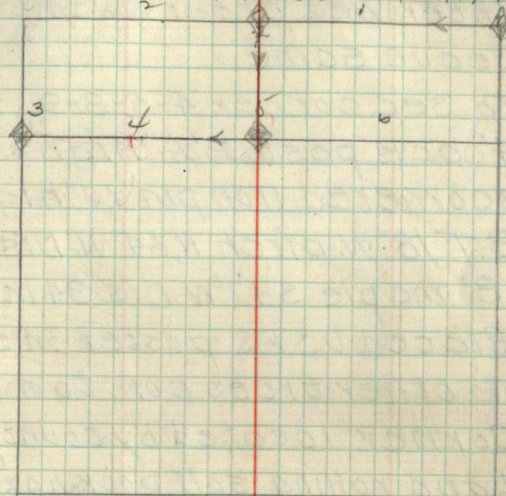
N. 1/6 5.9 & N. 1/6 5.8. also 3 cornered
iron pin 10" high

B.T. 8" maple N 45° E. Dis. 19 lks.

10" " N 47° W. " 62 "

Placed U.S.F.S poster on NE B.T.
Corner estb. by county resurvey
Land rolling - soil poor
maple - basswood - hazel brush

S. 9-T 57N. R. 26W. 4th P.M.



pld

ok

North from N. 46 58 & 59 V. 6°15'

5.44 chs Enter wet alders swamp brs. E & W.

1032" Leave same.

20.10" To sec. corner 4-5-8-9.

4" oak post 2'6" high

3 cornered iron pin 10" high

B.T 18" W. birch N. 64° W. Dis. 701 Ks.

8" maple S. 47° W. Dis. 941 Ks.

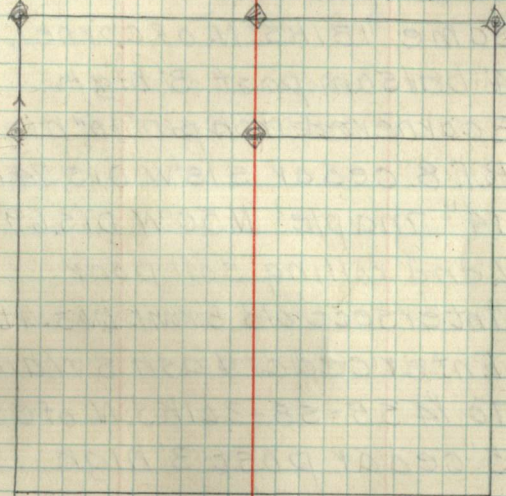
Placed U.S.F.S. poster on S.W. B.T.

No other trees con. to mark.

Corner located by county resurvey

Land rolling - soil poor - hazel brush.

S 9-T 57 N. - R. 26 W. - 4th PM.



2/10

Mc

7-17-34

V. 6°30'

West from S.C. 4-5-8-9 bet. S. 5 & S. 8

20.00chs To E. 1/4 S. 8 & S. 5. intersecting
same 181ks N. of corner.

4" balsam post 3' high.

3 cornered iron pin 10" high.

B.T. 8" cedar S. 18° W. Dis. 741ks.

14" maple N. 50° W. Dis. 69"

Land rolling soil poor.

23.75chs Intersect old trail brs. N.E. & S.W.

39.14" Enter cedar & ash swamp

40.00" To 1/4 S. 5-5.8-361ks N. of corner

5" cedar post 3' high

3 cornered iron pin 10" high.

B.T. 9" cedar S. 24° W. Dis. 231ks.

9" black ash N. 37° E. Dis. 68"

Placed U.S.F.S. poster on N.E. B.T.

Corner estb. by county resurvey.

Corner located in ash swamp

7-18-34

West from 1/4 Sec. 5 & Sec. 8 V. 630.

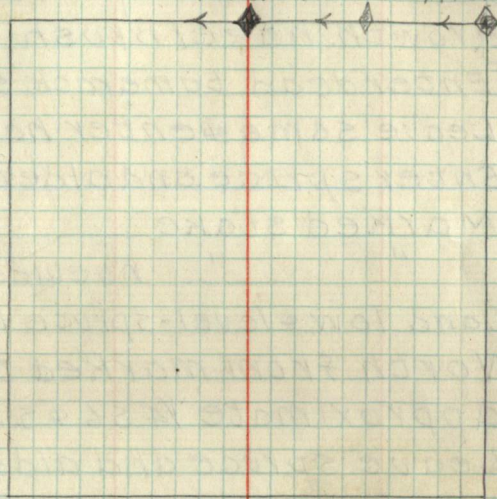
60.00chs Marked stake

65.62 Enter meadow brs. N. & S.

77.84 Leave same

80.00 Marked stake.

No evidence of corner

S. 8-T 57 N. - R. 26 W. 4th PM.

P/P

7-20-34

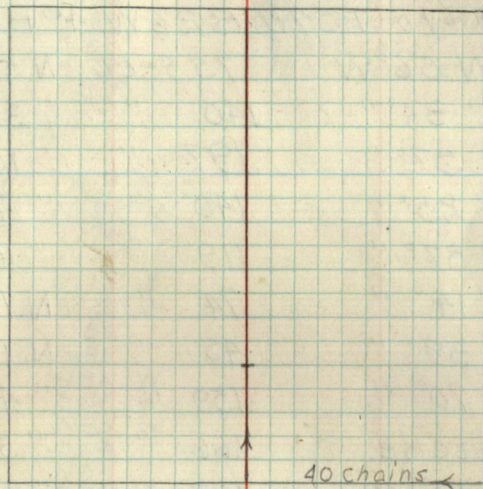
West from marked stake 5-6-7-8
 Few oak and maple - second
 growth hazel brush.

2.98 chns. Enter dead tamarack swamp
 5.49 chns. Leave same & enter hard wood
 8.86 " Enter spruce and alder swamp.
 20.00 Marked stake
 40.00 " " no evidence of cor.

Land low & level - spruce & alder

North from marked stake
 approximate $\frac{1}{4}$ S. 6 & S. 7.

14.57 Leave spruce and alder swamp
 20.00 Marked stake

S. 6 - T. 57 N. - R. 26 W. 4th P. M.

S. 7

7-23-34.

Traverse of Little Horn Trail
from corner of sections 3-4

9410 T.57N. R.26W. 4th P.M.

673 feet	N. 56° W	75 feet	N. 54° W.
138 "	" 34° "	140 "	" 31° W
116 "	" 57° "	197 "	" 15° "
151 "	" 25° "	140 "	" 7° "
150 "	" 37° "	119 "	" 11° W
150 "	" 14° "	74 "	N. 16° E
83 "	" 39° "	45 "	N. 15° W
400 "	" 70° "	159 "	" 43° "
Marked stake		166 "	" 57° "
140 feet	S. 82° W.	162 "	" 68° "
94 "	N. 55° W	127 "	" 72° "
176 "	N. 89° W	145 "	" 59° "
263 "	" 54° "	100 "	" 69° "
132 "	" 52° "	126 "	" 53° "
100 "	" 44° "	104 "	S. 88° W
120 "	" 59° "	153 "	N. 76° "
80 "	" 68° "	197 "	" 67° "
100 "	" 58° "	147 "	" 82° "
57 "	" 61° "	196 "	S. 82° W.
60 "	S 88° "	109 "	S. 89° W.
179 "	N 65° W	178 "	N. 68° W
Intersected		103 "	N. 44° W

1/4 34 transit
line.

64 feet	N. 6° W
100 "	N. 17° E.
83 "	N. 15° W.
129 "	" 46° "
100 "	" 78° "
302 "	S 88° "
75 "	S 74° "
475 "	" 57° "

1165 feet intersect N. & S.
Sec. line bet. S. 5 & S. 6.
1557 ft. enter spruce swamp
1675 " leave same
2247 " intersect old logging
road bearing N. & S.
2258 ft. enter spruce swamp
2789 " leave same

7-24-34

150 feet	Due West
180 "	N. 52° W.
77 "	" 74° "
70 "	" 15° "
100 "	" 15° E.
373 "	N. 20° W.
278 "	" 56° "
372 "	S. 85° "
120 "	N. 86° W.
65 "	S. 84° W.
100 "	N. 85° W.
249 "	S. 64° "
157 "	N. 81° "
159 "	S. 72° W.
182 "	" 65° "
183 "	N. 23° W.
100 "	" 53° "
100 "	" 77° "
186 "	S. 54° "
81 "	" 72° "
313 "	N. 81° "
100 "	S. 72° "
252 "	" 49° "
80 "	" 13° "
218 "	" 1° E
100 "	" 26° W.
179 "	N. 88° "
83 "	S. 68° "
125 "	" 52° "

7-25-34

Due west from where
trail bears S. (compass line)
104 ft. enter meadow.
182 " leave same.
602 " enter small meadow
671 " leave same.

Map on page 14.

South from $T_6 \# 4$, S. R. 6 $V. 6^\circ 30'$

6.70chs Intersect road brs. E. & W.

8.40 " Enter thick spruce swamp
End of planting area dis-
continued line.

W. From $T_6 \# 3$, S. R. 6 $V. 6^\circ 30'$

8.60chs. Enter alder swamp, brs. N. & S.

11.78 " Leave same

20.42 " Intersect N. & S. line 16 Lks. N. of
20.00 ch. mark.

Estb. app. $\frac{1}{4}$ S. R. 6 & S. R. 7

3" aspen post. 3 ft high
placed U.S. F.S. poster on 5"
aspen $N. 40^\circ W.$ Dis. 14 Lks.
7-31-34.

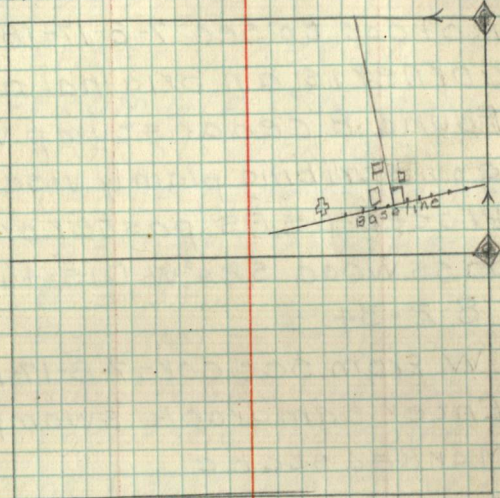
Illustration on page 16

Marcell Ranger Station

$\frac{1}{4}$ corner sec. 18 & sec. 17

Found old gov. post with scribing
plainly visible also found two
n. pine stumps with the scrib
in B.T. on them. stumps check
with gov. distance and declination
Placed U.S. F.S. poster on 9" W.
spruce $N. 7^\circ E.$ Dis. 16 Lks.

S. 18-T 59 N. - R 26 W. 4th PM



N. from $\frac{1}{4}$ S. 18-17 $V. 8^\circ$

$\frac{1}{4}$ cor. located on ridge

54chs. Enter alder & spruce swamp brs E & W

5.16 " Leave same

6.27 " Intersect county road brs. N.W. & S.E.

9.03 " Enter alder swamp brs. N.W. & S.E.

12.87 " intersect old R.R. grade

14.91 " Leave alder swamp and enter
second growth aspen and birch.

20.06 " Marked stake.

22.15 " Enter ash swamp brs. E & W.

24.40 " Leave same

R.9. Koch. Intersect Bigfork road br. NE & SW.
8-1-34.

40.21 Intersect E & W. line 29 lks.
W. of cor. to sec. 7-8-17-18.
CORNER is an original gov. cor.
Found 8" cedar stump with
gov. scribing plainly visible.
Placed U.S.F.S. poster on 8"
basswood S 26° W. Dis. 46 lks.
8-2-34.

W. from sec. cor. - 7-8-17-18. V. 5°

12.51 chs. Enter tamarack swamp
20.00 " Marked stake
22.00 " Leave tam. swamp enter field
25.50 " Enter alder & spruce swamp
28.60 " Leave same brs. N & S,
30.21 " To east bank of Turtle Lake
Found no evidence of M.C.
8-2-34.

Tying in of Marcell Ranger
station illustration on page 16.
Parallel to residence build-
ing I run N. 64° E. to sec. line
between sec. 17 & 18. Intersect-
ing same 556 feet N. of $1/4$ S. 17-18
Chained from sec. line

back to Ranger station,
placing hubs every 100 feet
232 ft. Intersect county road
306 " Enter alder swamp.
From $6 1/2$ ' S.W. of S. line it is
80 ft S. 15° W. to lake
722 ft. Leave alder swamp
1365 " To E. bank of lake
8-3-34.
Parallel to residence I run
N. 26° W. to S. line bet. S. line 7 & 18
Intersecting same same
at 1736 ft. W. of sec. cor. 7-8-17-18.
Chained back to Ranger
Station marked stakes 100 ft.
800 ft. Leave spruce & cedar swamp
and enter balsam ridge
1600 ft. Intersect Bigfork road
1750 " Enter alder & spruce swamp
2210 " Leave same
2363 " Intersect old R.R. grade - re-
built into county road
2576 " To SW. corner of residence.
8-6-34.
Warehouse.
136' N. to SW. corner of Ware-

house from base line and
999' from sec. line 17-18,
24' W. from N.W. line intersect
same at 2438 from s. line 7-18

Garage

It is 21'6" to S.W. corner from
1043' S.W. of sec. line 17-18,
71' from N.W. line intersect
ing same 2554' from s. line 7-18.

Office

from S.E. corner it is 19'6" to our
baseline intersecting same
at 1196' from sec. line bet. 17-18.
and 224' from S.W. line inter-
secting same 2554' from s. l. 7-18.

Residence

973' from s. line bet. 17+18 to
S.W. corner of residence
2576' from sec. line bet 7-18 to
S.W. corner of residence

8-7-34

Traverse of proposed
Little Horn Trail starting
where we left off 7-25-34

5222 ft. Intersect old trail brs. N.S.
Land level-burned over.
aspen + hazel brush

8-8-34

Traverse of old trail from where
our line intersects it.

100 feet	N. 1° W.	173 feet	S. 53° W.
100 "	N 36° E.	67 "	" 34° "
194 "	" 21° "	267 "	" 73° "
100 "	N. 12° W.	138 "	" 59° "
183 "	" 3° "	169 "	Due W.
343 "	" 49° "	100 "	N. 20° W.
200 "	S. 80° "	210 "	" 27° "
243 "	N. 61° "	100 "	" 81° "
240 "	" 77° "	272 "	S. 86° W.
190 "	S. 80° "	100 "	N. 77° "
46 "	N. 87° "	451 "	S. 75° "
161 "	" 51° W.	100 "	" 38° "
300 "	" 78° "	100 "	" 29° "
200 "	" 89° "	143 "	" 41° "
184 "	" 69° "	100 "	N. 73° W.
300 "	Due W	100 "	" 85° "
165 "	N. 82° W	300 "	S. 80° "
55 "	S. 55° "	187 "	N. 58° W.
83 "	N. 84° "	100 "	Due W.
156 "	S. 65° "	166 "	S. 72° W.
100 "	N. 81° "	205 "	" 39° "
180 "	S. 81° "	160 "	S. 14° E.
100 "	" 29° "	100 "	" 2° "

8-9-34

212 feet	S. 24° E.	112 feet	S. 62° W.
95 "	" 40° "	260 "	" 84° "
175 "	" 11° "	200 "	Due W.
Enter ash & balsom		200 "	S. 82° W.
SWamp. road has		100 "	" 42° "
corduroyed for		78 "	" 29° "
166 feet.		71 "	" 51° "
400 feet	S. 7° W.	88 "	" 28° "
69 "	S. 3° E	100 "	" 62° "
230 "	S. 33° W.	146 "	" 16° "
146 "	S. 11° E.	200 "	" 79° "
79 "	S. 3° W.	100 "	N. 85° W.
220 "	S. 11° "	100 "	S. 18° W.
142 "	Due W.	170 "	" 43° "
100 "	S. 25° E.	120 "	S. 68° W.
68 "	S. 1° W.		Intersected
249 "	S. 23° E.		Soumi Road
100 "	S. 45° W.		bearing N.W. & S.W.
136 "	" 82° "		Marked stake
145 "	" 66° "		& blazed small tree
100 "	N. 72° W.		Land level
132 "	N. 58° "		aspen-birch
100 "	" 68° "		and balsom
225 "	" 39° "		
200 "	" 84° "		

8-10-34.

Located $\frac{1}{4}$ corner to sections
17 and 18 T. 58 N. R. 25 W. 4th M.

Placed U.S.F.S. poster on a 9' bam
of gulch lead by Smith Lake Truck Trail $\frac{1}{2}$
chains E. & $\frac{1}{2}$ chains S. to corner.
Traverse of Smith Lake Truck Trail
from $\frac{1}{4}$ S. 17 & S. 18 T. 58 W. R. 25 W. 4th M.
S. 85° W. 13 feet to trail.

180 feet S. 38° E

291 " Due S.

224 " S. 29° E

182 " " 39° "

141 " " 22° "

431. " " 81° "

317 " " 58° "

226 " " 39° "

1111 " " 60° "

270 " " 82° "

Intersected

Road bearing

N. & S.

Discontinued

traverseing

and started

Smith Lk. T. Tr.

locating trail

about $1\frac{1}{2}$ miles

N.E. of this point

by running line

We run N. 60° E.

Land hilly hazel

brush-oak & aspen.

2580 feet to high ridge

8-13-34.

5295' to E. bank of lake

Chained back 1040

feet and run S. 79° E.

950'

8-14-34.

From here I run S. 60° E

690 feet and Inter

sected a Tamarack swamp
brs. S.E. & N.W.

From here I chained back
125 feet and run S. 34° E. 509'
and then I run S 80° E. 562 ft
intersecting old wagon road
brs. N.E. & S.E.

8-15-34

Brushed out old wagon road
from where our line intersects
it S.E. to good road brs. N.E. & S.E.

8-16-34

Brushed out wagon road
N.E. from where our line intersects it
Land level soil poor thick
hazel brush.

brushed 5700 feet - by pacing
8-17-34
Traverse of Smith Lake

Truck Trail from where we
discontinued 8-10-34 (page 22).

240 feet	N. 15° W	330 feet	N. 10° W
720 "	N. 3° E	415 "	N. 8° E.
127 "	" 7° "	261 "	N. 2° W.
500 "	N. 17° W	500 "	N. 22° E.
500 "	" 1° "	272 "	" 2° "
660 "	N. 22° E	450 "	" 32° "

320 feet	N. 56° E
100 "	N. 1° E.
460 "	" 25° "
400 "	" 7° "
550 "	" 60° "
200 "	" 68° "
980 "	" 75° "

Intersected place where we started
locating trail.

Brushed out transit line from 1/4
S. 17 & S. 18 to cor. to sec. 17-18-19-20. T. 58 N.
8-20-34 R. 25 W. 4th M
sec. corner 17-18-19-20 located in bog
5' N. pine post 3 ft. high. H.

also 2" iron pipe 16" high

B.T. 8' N. pine N. 59° E. Dis. 149 Lks. (postar)

" 9' " " N. 21° E. Dis. 204 "

" 9' N. pine N. 31° W. Dis. 348 "

No other trees convenient to mark

Corner estb. by county resurvey
E. bet. S. 17 & S. 20 v. 6° 15'

Illustration on page 26.

1.60 ch. Leave bog brs. N.W. & S.E.

28.13 " To lake brs. N.E. & S.W.

29.42 " Leave same

37.64 " Intersect road brs. N.W. & S.E.

40.00 Failed to find $\frac{1}{4}$ cor. marked stake

52.00 Intersect old trail

55.01 Enter marsh brs. N.S.

8-21-34.

58.91 Leave same.

60.00 Marked stake

77.96 To $7\frac{1}{2}$ k/s N. of corner to sec.

16-17-20-21.

Found old gov. post laying
on ground with scribing
plainly visible

Found old W. pine stump
N. 81° E. 60 k/s from post as
stated in gov. field notes
scribing readable.

Found no other marked trees
set new post marked
S 16-17-20-21. T 58 N. R 25 W.

Placed old gov. post against
Land level - soil fair. aspen.
E. between S 16-21 v. 6°

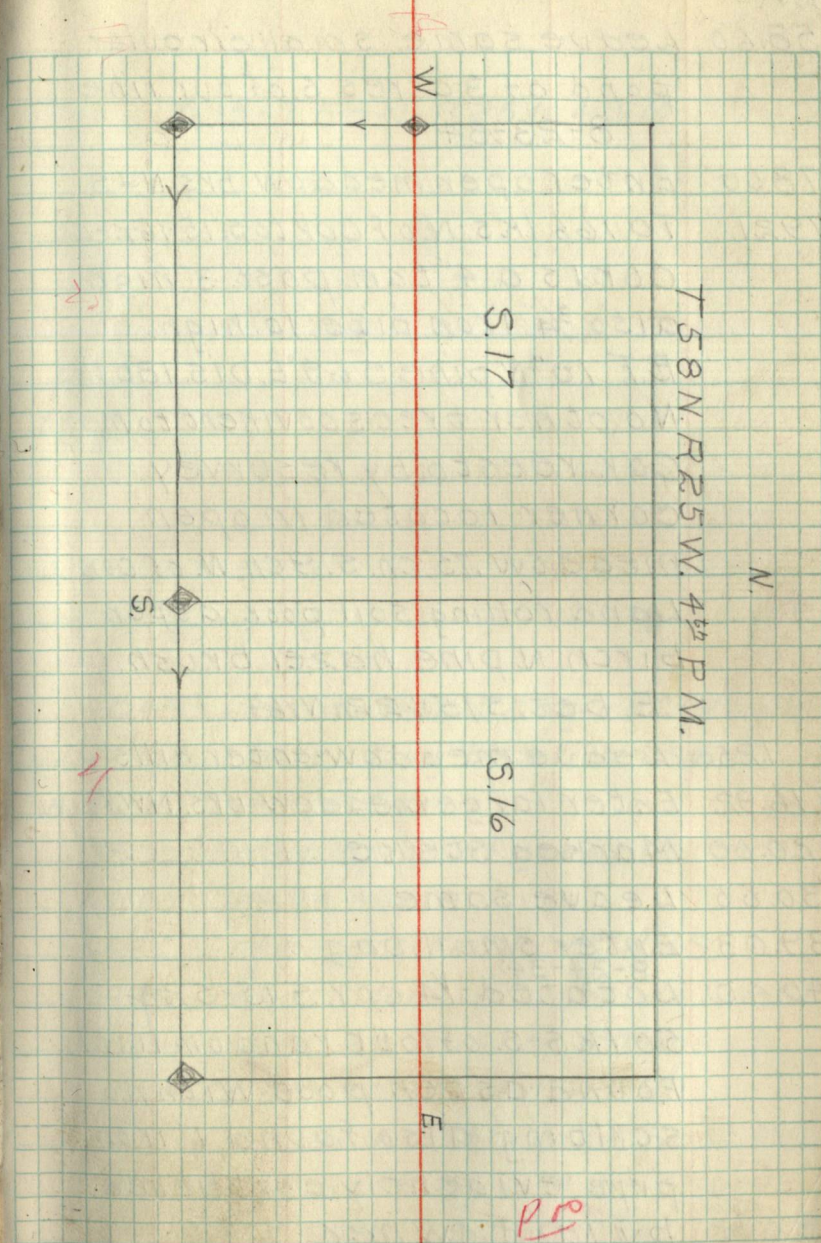
20.15 Enter small bog

23.77 Leave same.

8-22-34.

40.00 Marked stake

49.52 Enter floating bog brs. NW & SE.



27

58.60 Leave same. small circular pond of 3 acres S. of our line 8-23-34.

78.00 Enter open meadow brs. N & S.

79.21 To 166 lks. N. of COR to S. 15-16-21-22.

COR. is a 4" bam. post 3' high also $\frac{3}{4}$ " iron pipe 10" high

B.T. 10" N. pine S. 69° E. Dis. 180 lks.

No other trees convenient to mark.

COR. reestb. by resurvey

corner located in open

meadow. 75' ch. S. 9' ch. N. of COR.

Land rolling soil poor. aspen birch. N. pine hazel brush.

E. bet. S. 15-22. V. 6°

1.25^{ds} Leave meadow. enter hills

16.92 Enter large meadow brs. NW & S.W.

20.00 Marked stake

30.00 Leave same

39.03 Enter small bog

40.40 ⁸⁻²⁴⁻³⁴ Located $\frac{1}{4}$ COR. S. 15-529

50 lks S. of our random line.

Found aspen post with no

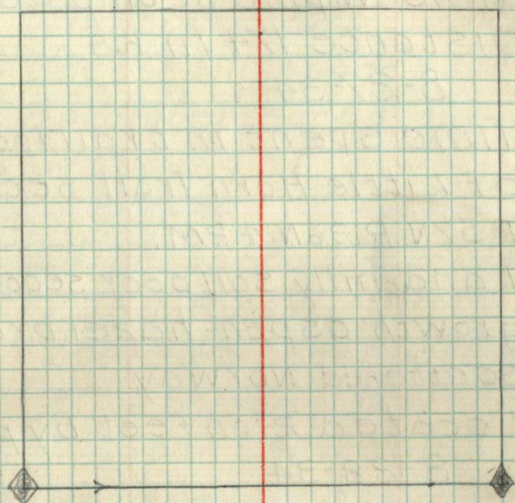
scribing also found 1" iron

pipe evidently established

by land owner

28

S. 15-T 58 N-R 25 W. 4th PM



40.49 Leave small bog. enter hills

48.00 Enter bog brs NW & SE.

51.07 Leave same

58.00 Enter N. pine of good quality

62.00 Leave same

64.36 Intersect road brs. N & S.

78.74 Enter open meadow brs NW & SE.

80.74 Intersect N & S. line 107 links N.

of cor. to sec. 14-15-22-23.

Corner is a 5" N. pine post 3' 6"

high. Estb. by old gov. survey

scribing is plainly visible

corner is located in open meadow.

B.T. 10" w. pine stump 5.87° W.
Distance 174 links

8-27-34

Time spent in trail location of Little Horn Trail sec. 5

T. 57N. R. 26W. 4 P.M.

Land hilly soil poor. second growth aspen-hazel brush scattered Norway

Located 2100 feet by pacing

8-28-34

Located 3700 feet of trail in S. 5-T. 57N. R. 26W. 4th P.M.

8-29-34

Located 4100 feet of Little Horn Trail in sec. 5

T. 57N. R. 26W. 4th P.M.

8-30-34

Located 2500 feet of trail in S. 6-T. 57N. R. 26W. 4th P.M.

Located corner to sections 5-6-31-32

Cor. is a 4" balsom 3'6" high

B.T. 10" balsom N. 86° E. Dis. 23 lks.

11" w. cedar N. 67° W. Dis. 50 lks.

7" w. cedar S. 1° W. Dis. 42 lks.

7" balsom S. 52° E. Dis. 31 lks.

Located 11500 feet of trail and intersected old trail brs. N.W. & S.E.

8-31-34

Corner to sec. 21-22-27 & 28

T. 58N. R. 26W. 4th P.M.

Cor. is a 5" cedar post 3' high

B.T. 6" balsom N. 32° W. 31 lks.

7" aspen S. 81° W. 50 lks.

No other trees were marked cor. reestb. by county re-survey

Placed U.S.F.S. poster on N.W. BT

West bet S. 21-28. V. 7°

Illustration on page 32

18.20 hrs. Intersect old trail brs. N & S.

20.00 Marked stake.

24.00 Intersect old trail brs. N: S.

34.00 Marcell Highway #38

40.00 Found no evidence of $\frac{1}{4}$ cor. Marked stake.

52.00 Enter small circular swamp

53.00 Leave same

pp

60.00 Marked stake

9-4-34

80.00 Failed to find evidence
of cor. to sec. 21-20-28-29
Gov. surveyors marked 4
N. pine but failed to find
blazes or scribing

79.34 Set temporary sec. cor. on
N. pine ridge
Land rolling - soil poor - second
growth aspen-birch-hazel brush.

N. bet. S. 21-20 $V. 6^{\circ} 10'$

38.80 Enter spruce swamp brs. E & W

40.06 To $\frac{1}{4}$ S. 21 & S. 20 - 360 lks. W. of cor.
9-5-34

T 58 N - R 26 W 4 PM

 $\frac{1}{4}$ sec. 21-20

Found old gov. B.T. with
scribing plainly visible.

Estb. New post.

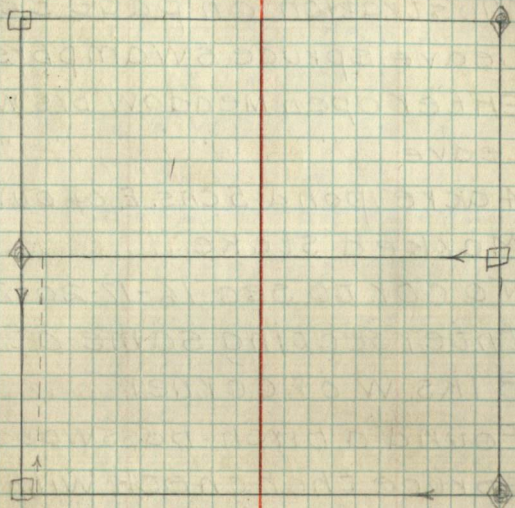
3" tam post 2'6" high

placed U.S.F.S. poster on

4" tam. S. 21° W. Dis. 27 lks.

cor. is located in spruce &
tam swamp brs. E & W

pm

S. 21 - T 58 N. R 26 W. 4th PMRe-run S. from $\frac{1}{4}$ S. 21-20. $V. 7^{\circ}$

3.09 Leave spruce & tam. swamp brs. E & W.

20.00 Marked stake

40.10 Intersect E & W. line 308 lks. W. of
temporary sec. cor. - 21-20-28-29

Re-estb. app. cor. to sec. 20-21-28-29
at intersection of N & S. & E & W. lines.

No evidence of old gov. corner
corner is a 3" aspen post 3' high
Placed U.S.F.S. poster on 4" oak
N. 13° E. Dis. 6 lks.

Land hilly - aspen - birch & oak

pm

9-6-34

N. from $\frac{1}{4}$ S. 20 & S. 21 $\vee 7^\circ$

Illustration on page 32

- 1.60 Leave spruce swamp brs E & W
 12.20 Enter open meadow brs. W & S.E.
 15.65 Leave " " " " "

4 acre pond 5 chs. E. of our line

20.00 Marked stake

40.00 To cor. to sec. 16-17-20-21

Intersecting same at

8 lks. W. of corner

Found a birch-basswood and
 spruce that check with gov.
 field notes.

Re-estb. a 3" W. birch post 2'6" high

Placed U.S. F.S. poster on 8"

basswood N. 67° W. Dis. 24 lks.

Land hilly soil poor basswood
 maple-birch hazel brush.

9-7-34

E. between S. 21 & S. 16 $\vee 7^\circ$

11.00 Enters spruce swamp brs. N & S.

15.90 Leave " " " " "

20.00 Marked stake

40.00 " " " " "

No evidence of $\frac{1}{4}$ corner

60.00 Marked stake

9-10-34

69.08 Intersect Marcell Road #38

79.92 Intersect N & S. line 1/4 S. of
 cor. to sec. 15-16-21-22.

cor. is a 4" iron wood post 3' high

B.T. 6" W. birch S 40° E. 5 1/2 lks.B.T. 3/4" W. pine stump N. 44° E. 14 lks.

Placed U.S. F.S. poster on S.E. B.T.

No other B.T. established.

Cor. re-estb. by county survey.

Land hilly birch-aspens-maple.

S. bet. sec. 21-22 $\vee 6^\circ 30'$

brushed out old transit line

5.91 Intersect trail brs E & W

20.00 Marked stake.

40.00 Set app. $\frac{1}{4}$ S. 21-S. 22

4" W. birch 3' high.

Placed U.S. F.S. poster on 8"

aspens N 69° W. Dis. 14 lks.W. from $\frac{1}{4}$ S. 21-22 $\vee 7^\circ$ thru S. 21.

Illustration on page 32

20.00 Marked stake

23.04 Intersected Marcell Road

40.00 Set temp. $\frac{1}{4}$ C. of S. 21

52.10 Intersect old road brs. NE & SW.

60.00 Marked stake

77.60 Enter spruce swamp brs SE & NW

79.08 Intersect N & S line 2 1/2 kls. N of
1/4 cor. to sec. 21-20

Land hilly birch-aspen-hazel brush

Re-chained from S. corner

21-22-27-28 West to sec.
corner 20-21-28-29.

18.25 Intersect old trail brs. N & S.

20.00 Marked stake.

29.26 Intersect old trail brs. NE & SW

32.89 ' ' Marcell Road #32

40.00 set temporary 1/4 cor.

No evidence of old gov. cor.

48.61 Enter spruce swamp brs N & S

49.50 Leave " " " "

78.39 To corner to S. 20-21-28-29.

Error of 4 chs.

1/4 corner to sec. 16-21

Estb. app. 1/4 cor. S 16 & 21 by
pro-rating the dis. bet

sec. cor. 20-21-17-16 & sec
cor. 21-22-16-15.

Estb. 3" W. birch post 2' 6" high

Placed U.S. F.S. poster on

5" N. pine S. 34° W. Dis. 38 kls.

Pr 3

S. from app. 1/4 S 21-16 N. 6° 30'

Illustration on page 32.

Good planting area

19.00 Leave planting area

Enter aspen maple & birch

20.00 Marked stake

9-12-34

40.06 Intersect E & W line 2 1/2 kls. W.

of 1/4 center of sec. 21.

Set app. 1/4 c. of sec. 21

4" aspen post 3' high

Placed U.S. F.S. poster on 4" N. pine

N. 7° W. dis. 26 kls.

60.00 Marked stake

80.34 Intersect E & W line 1 1/2 kls.

E. of app. 1/4 cor. to S. 21-28.

Estb. app. 1/4 cor. to sec. 21-28 by

pro-rating the distance from

cor. to sec. 21-22-28-27 and

cor. to sec. 21-20-28-29.

4" aspen post 3' high.

Placed U.S. F.S. poster on 6" aspen

S. 66° W. dis. 8 1/2 kls.

Land hilly soil gravel - birch

aspen-hazel brush - N. pine.

Pr 3

- 78.59 Intersect N4S line 13 links N.
of app. cor. to S. 28-27-34-33.
4' aspen post 2'6" high
Placed U.S.F.S. poster on
3" W. birch N4° E. dis. 9 links.
S. from 1/4 S. 21 & S. 28. V. 7°
Marked stakes every 2 chains.
- 37.85 Enter small spruce swamp
9-18-34
- 41.95 Leave swamp
- 62.08 Enter spruce & tam. swamp brs. NE & SW
- 67.21 Leave " " " " " "
- 68.00 Intersect road brs. NE & SW
- 79.83 Intersect E & W. line 70 links
E. of 40 chain mark.
- Established app. 1/4 corner to sec.
28 & 33 by prorating the distance
from S.C. 28-29-32-33 & S.C. 28-27-33-34
3 1/2" aspen post 3' high.
Placed U.S.F.S. poster on 4' aspen
S. 5° W. distance 48 li.
9-19-34
- Section line bet. S. 28 & 27 previous
ly. run, prorated the distance
and estb. app. 1/4 cor. to S. 27-28.
3 1/2" aspen 3' long

- Placed U.S.F.S. poster on 4' aspen
S 45° W. dis. 18 links.
W. from app. 1/4 cor. to S. 27-28. V. 7°
- 2.73 To E. bank of Day Lake brs. N-W & S-E.
Took angle of lake with 1 ch. base
13.25 across lake.
- 15.98 To W. bank of lake.
- 21.52 Intersect Marcell Highway #38
- 28.53 Enter small spruce swamp brs. NE & SW
- 30.15 Leave " " " " " "
- 38.36 Enter spruce & tam. swamp brs. NE & SW
- 40.66 Intersect N4S line 10 links S. of
40 chain mark
- Estb. app. 1/4 Center of section.
4' aspen post 3' high.
Placed U.S.F.S. poster on
7' aspen S. 51° W. distance 49 li.
Corner located in swamp
9-20-34
- 40.80 Leave swamp
- 54.47 Enter bog brs. N & S.
- 61.51 Leave " " " " " "
- 80.81 Intersect N4S line 6 links S.
of 40 chn. mark.
Estb. 1/4 cor. to sec. 28-29

4" aspen post 3'6" long
Placed U.S.E.S. poster on
5' aspen 5.61° W. dis. 19 links
9-21-34.

Traverse of Big Ole's Truck
Trail tying to 1/4 corner S. 2
T 58 N. R 26 W. 4th M. & S. 35 T. 59
N. R 26 W. 4th M.

S. 87° W. 4.48 chs. 296'

S. 82° W. 6.51 " 430'

Trail begins

Distance	Bearing	Chains	Feet
240	N. 21° E	3.63	269'
337'	" 19° "	5.07	214'
668'	" 23° "	5.58	302'
134'	" 2° "	2.04	369'
316'	N. 23° W	4.78	186'
512'	" 44° "	7.75	214'
254'	" 54° "	3.84	375'
148'	N. 7° E	2.24	539'
√ 321'	" 51° "	4.86	217'
√ 182'	" 20° "	2.92	246'
√ 513	" 10° "	8.77	453'
√ 147'	" 28° "	2.22	570'
√ 786'	" 6° "	11.90	260'
√ 1980'	" 17° "	30.00	258'
√ 396'	" 2° "	6.00	231'
	N. 23° E	4.00	269'
	" 16° "	3.24	214'
	N. 30° W	4.58	302'
	" 8° "	5.59	369'
	N. 18° E	2.82	186'
	N. 19° E	3.26	214'
	N. 18° W	5.68	375'
	N. 15° E	8.16	539'
	N. 3° W	3.29	217'
	" 19° "	2.73	246'
	" 11° "	6.86	453'
	" 7° "	8.63	570'
	N. 16° E	3.94	260'
	" 1° "	3.92	258'
	N. 26° W	3.50	231'

N. 35° W	3.28	chs. 217'
N. 4° W	4.62	305'
N. 35° W	3.46	229'
" 23° "	5.53	365'
" 38° "	5.61	371'
" 14° "	1.79	118'
N. 27° E	10.77	711'
N. 6° E	3.36	222'

Intersect road brs N.W. & S.E.

Total chains 221.21

9-25-34.

Traverse of Smith Lake Truck
Trail beginning at intersection
with Marcell Highway No 38.

S. 80° E. 10.46 chs. 690'

S. 64° E. 2.73 Intersect sec. line bet. 180'

S. 39° 54' T 58 N. R 26 W 4th M. 2.40 chs

South of 1/4 corner to S. 39° 54'.

S. 64° E. 2.53 chs 167' N. 45° E. ✓ 7.67 chs 560'

N. 40° E 3.07 203' S 86° E. ✓ 8.18 " 540'

" 62° " 4.52 " 298' N. 46° E ✓ 19.22 " 1269'

" 36° " 6.00 396' " 62° " ✓ 8.34 551'

" 12° " 2.40 192' " 12° " ✓ 6.97 460'

" 83° " 19.15 1304' " 73° " ✓ 7.05 465'

" 60° " 4.60 304' " 20° " ✓ 3.45 228'

Trail brs. S.E. Int. here

Intersect sec. line bet. S. 2 T 58 N.

R. 26 W. 4th M. & S. 35 T 59 N. R. 26 W. 4th M.

1.65 chs. E. of M.C. S. 2-5.35.

N. 84° E. 25.42 chs. to intersection
of Big Ole's trail.

N. 84° E. 10.98 intersect N 4 S.

line 00 feet to 1/4 S. 2-5.35.

N. 84° E. 45 links.

S. 87° E. 8.81 582' ✓

N. 63° E. 7.52 496 ✓

S. 84° E. 3.69 to 00' feet to E. 1/4 S. 2-5.35

" " " 3.25 458' ✓

S. 55° E. 2.27 199' ✓

N. 80° E. 7.29 481' ✓

" 65° E. 6.00 396'

S. 89° E. 2.25 to 00' to S. 1-2-35-36

" " " 1.75 S. 40° E. 7.11 469'

S. 72° E. 2.71 ⁹⁺²⁶⁻³⁴ S. 60° E. 4.00 264'

N. 77° E. 6.46 N. 75° E. 15.32 1011'

S. 32° E. 17.07 N. 53° E. 3.35-5.80

S. 73° E. 10.00 chs. North of corner

N. 71° E. 4.00 to townships 58 N.

" 39° " 3.65 R. 26 W. 4th M. - T 59 N.S. 63° E. 5.28 R. 26 W. 4th M. - T 58 N.N. 80° E. 8.00 R. 25 W. 4th M. - T 59 N.S. 81° E. 5.41 R. 25 W. 4th M.

N. 51° E. 29.75 1969' S. 2° E. 2.66 176'

N. 25° E. 5.08 335' S. 18° W. 4.64 306'

N. 80° E. 6.87 259' S. 16° E. 4.00 264'

N. 80° E. 5.17 ³⁹¹ Finish S. 4° E. 2.21 146'Intersection with
trail brs. E. S. 20° E. 6.00 396'

S. 17° E. 2.70 178' S. 3° E. 8.80 581'

S. 10° E. 7.43 490' S. 25° E. 11.53 761'

S. 32° W. 3.34 221' S. 1° W. 15.65 1033'

S. 10° W. 4.53 299' S. 10° E. 8.00 528'

S. 10° E. 10.28 679' S. 28° E. 7.87 520'

S. 25° E. 6.15 406 ^{Intersect s. line bet. S.}S. 3° W. 5.52 364 ^{7-18-8 chs. West of}S. 25° E. 6.89 455' ^{M.C. T. 58 N. R. 25 W. 4th M.}

S. 11° E. 9.44 623' S. 14° E. 6.00 396'

S. 47° E. 5.56 367' S. 36° E. 16.18 1068'

S. 13° W. 10.70 706' S. 15° E. 3.38 223'

S. 22° E. 10.00 660' S. 10° W. 3.45 228'

S. 41° E. 20.18 1329' Tied in 14 feet E

S. 18° E. 5.15 390' to 1/4 corner to sec.

S. 33° E. 4.75 314 17 418 T 58 N. R. 25 W. 4th M.

S. 10° E. 4.07 269'

Intersection s. line bet.

S. 64 S. 7-1166 feet

West of corner to

S. 6-5-7-8 T 58 N. R.

25 W. 4th M.

S. 10° E. 7.01 463'

S. 50° E. 4.52 298'

9-27-34

Tying in of Big Ole's Trail.

1/4 corner to S. 26-35-T59 N. R26
W. 4th M.

4" spruce post 3' high-condition good

3/4" iron pipe 8" high-resurvey corner

B.T. 3 1/2" W. pine N. 7° W. 61 li.

" 5" aspen S. 66° E. 49 li.

30 li. west enter small alderswamp.

Placed U.S.F.S. poster on 8" aspen

S. 54° W. dis. 12 links.

E. from 1/4 S. 35-26-T59 N. R26 W. 4th M.

5.52 chs. Intersect Big Ole's Trail.

Placed U.S.F.S. poster on 4" aspen

at intersection of sec. line

bet. S. 26-35 and Big Ole's Trail

Big Ole's Trail intersects
section line bet. S. 26 & S. 23 at

13.37 chains East of 1/4 corner

to S. 26 & S. 23 T. 59 N. R. 26 W. 4th M.

Placed U.S.F.S. poster on 5"
balsam at intersection of S line
and Big Ole's Trail

Big Ole's Trail requires 10 cuts &
11 fills average length 60 feet
average depth 4 feet; 4 culverts

9-28-34

Tying in of Little Horn Trail at inter-
section with Soumi Road

1/4 corner to S. 2-5. 11-T. 57 N. R. 27 W. 4th M.

N. 40° E. 12.44

N. 7° E. 24.80

N. 41° E. 7.86

1/4 corner to S. 2-T. 57 N. R. 27 W. 4th M.

and S. 35-T. 58 N. R. 27 W. 4th M.

10.80 chains E. bet S. 2-535 inter-
sect Soumi Road.

S. 18° E. 36.25 to intersection with
Little Horn Trail.

10-1-34

T. 58 N. R. 26 W. 4th M.

S. From corner of Sec. 28-29-32-33
between sec. 32-33. V. 6.30'

Illustration on page 47.

40.00 Estb. app. 1/4 corner to S. 33 & S. 32

Found two stumps which checked
with gov. declination & chainage.

No scribing visible-badly burnt.

3' aspen post 36" high

Placed U.S.F.S. poster on 3"
W. birch N. 62° E. dis 9 links.

pro

53.80 chs. Intersect old logging road brs. Ed W
10-2-34.

57.00 Intersect old trail brs. N.W. & S.E.

80.00 Found no evidence of old
government corner.

Established app. corner to sec.
32-33 T.58N. R.26W. 4th M. and
Sec. 4 & 5 T.57N. R.26W. 4th M.

ok

Placed U.S. F.S. poster on
4" aspen N. 12° E. dis. 7 links

Land hilly soil sand aspen & pine
10-3-34.

E between S. 33 & S. 4. V. 7°

T.58N. R.26W. 4th M. & T.57N. R.26W. 4th M.

26.79 Enter cedar swamp brs. N.W. & S.E.

28.10 Leave " " " "

37.38 To 23 links N. of 1/4 S. 33-54.

1/4 cor. is a resurvey corner.

B.T. 5" W. birch N. 25° E. 70 links

6" W. birch S. 29° W. 24 links

Placed U.S. F.S. on 4" W. birch

N. 4° W. 28 links.

E. from 1/4 S. 4 T.57N. R.26 & S. 33.

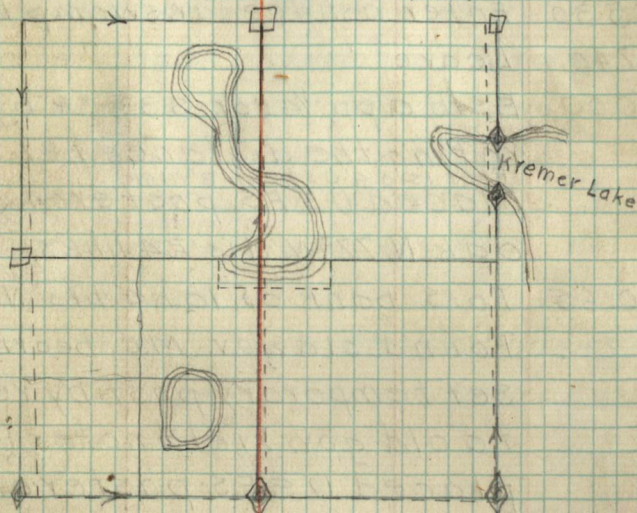
T.58N. R.26W. 4th M.

12.00 Enter alder swamp brs. N.W. & S.E.

13.45 Leave " " " "

pro

S. 33-T.58N-R.26W. 4th M.



ok

40.19 Estb. post to corner of S. 33-34 T.58N.

R.26W. 4th M. and sec. 3-4 T.57N.

Post 4' tall 30m 3' high
R.26W. 4th M. Intersecting same
8 links south.

Found 8" W. birch with old gov.
scribing plainly visible. N. 20° E
dis. 58 links.

Placed U.S. F.S. poster on 7" W. pine
S. 4° W. 9 links.

N. between S. 34-33. T.58N. R.26W
4th M. V. 6° 15'

10.95 Enter spruce swamp brs. E & W.

pro

16.00 Leave spruce swamp brs. E & W.
10-8-34

25.30 Enter ash & cedar swamp brs. E & W.

27.40 Leave " " " " " "

40.00 Estb. app. $\frac{1}{4}$ cor. S 33-34 by pro-
rating the distance bet. sec. corners
^{Post is a 4" aspen 3' high}
Placed U.S.F.S. poster on 5" red
oak N. 77° W. dis. 24 links.

50.65 To S. bank of lake brs. N.W. & S.E.
Found old gov. M.C. bearing tree.
Set temporary post by referring
to old gov. field notes. (^{Post is}
^{4" birch 3' high})
placed U.S.F.S. poster on 5" W.
birch S. 35° W. dis. 11 links.

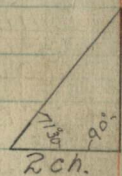
Took angle across lake with
a 2 ch. base and angle of $71^\circ 30'$

57.51 Found M.C. B.T. description on page 51
Leave lake

80.15 Intersect E & W. line
159 links W. of app.
corner common to
sec. 27-28-33-34.

T 58 N. R 26 W. 4 $\frac{1}{2}$ M.

Land rolling - soil sand - second
growth birch aspen hazel brush.

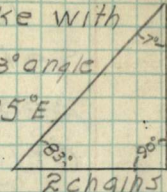


10-9-34

S. from $\frac{1}{4}$ corner of S 33-S 28 $V. 5^\circ$

Illustration on page 48

26.00 To N. bank of lake brs. N.W. & S.E.

Took angle across lake with
base 2 ch. long and 83° angle.
Off set 67 links N 85° E
to see by a point 
in lake

Off set back 585° W. 67 links
on S. shore of lake to get back
to original line.

41.50 To South bank of lake
10-10-34

76.70 Enter spruce & tam. swamp brs. E & W.

78.90 Leave " " " " " "

79.92 Intersect E & W. line 26 links E. of cor.
Common to sec. 4-T 57 N. R 26 W. 4 $\frac{1}{2}$ M.
and sec. 33-T 58 N. R 26 W. 4 $\frac{1}{2}$ M.

Found genuine land office corner

3.18 chains west of our app. cor.

^{S. 32-33-4-5}
3" aspen post 36" high - 3 cornered I.P.

B.T. 5" W. birch N. 36° W. dis. 34 links

" 5" W. birch S. 18° E. dis. 30 links

Placed U.S.F.S. poster on S.E. B.T.

Second growth aspen & birch.

? must be east

West from app. 1/4 S 32-533. V. 7°

Illustration on page 48

Marked stakes every 2 chains

30.60 chains to W shore of lake

10-11-34.

Set over at right angle

2.33 ch. S. & run parallel to
original line.

40.56 intersect N. 45 line.

center of section located
in lake

51.21 off set N. at right angle

2.33 chains back to orig. line

10-15-34.

79.51 Intersect N. 45 sec line bet S 33-34.

79.78 Intersect 3 lks. N. of app. S 33-34

Found old gov. MC. B.T. on N. side
of Kremer Lake on sec. line
bet. S 33 & S 34.

Found old gov. B.T. 10' N. pine
laying down.

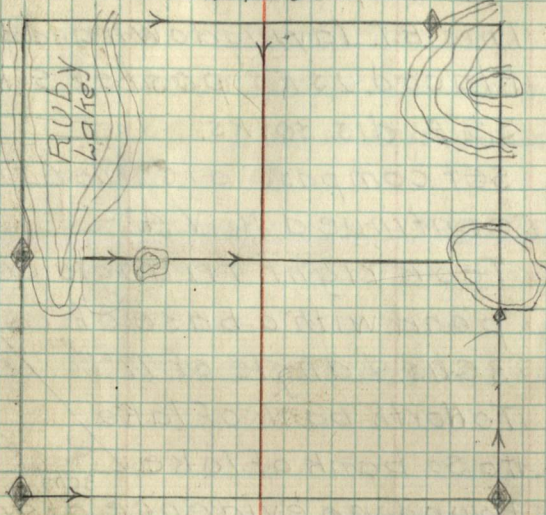
set temp. post by referring
to old gov. field notes.

4" aspen post 3' high

Placed U.S.F.S. poster on 4" aspen
N. 82° W. 5 links.

10-16-34

S 17-T. 58 N. - R. 25 W. 4 1/2 M



Corner common to S 17-16-20-21
previously located.

Placed U.S.F.S. poster on 36" W. pine
N. 81° E. dis. 60 lks.

N. between S 16-S 17 V. 6°

32.36 To so. bank of pond brs. SW & NE.

Tying in 135 lks. W. of old gov. MC

Found two N. pine B.T. as stated
in gov. field notes.

No evidence of post.

Re-estb. temp. post according to
gov. declaration & chainage.

3" W. birch post 30" high

B.T. 11" N. pine S. 28° E. dis. 28 lks.

B.T. 7" N. pine S. 21° W. dis. 32 lks.

This B.T. laying down and decayed

Placed U.S.F.S. poster 9" N. pine

S. 9° E. dis. 30 lks.

set compass at corner and

continued N. V. 4°

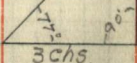
Took right triangle across

pond with a base of

3 chs. & angle of 77°

46.00 To North bank of lake

56.77 to so. bank of lake



Found no evidence of gov. M.C.

Estb. app. M.C. common to S. 16-17

3" W. birch post - 30" high.

Placed U.S.F.S. poster on 11"

N. pine S. 37° E. dis. 85 links.

Corner common to sec. 16-17

8-9 is in lake

10-17-34.

Corner common to sec. 7-8

17 & 18 located in Ruby Lake.

E. bet. S. 8-17 T. 58 N. R. 25 W. 4th M. 5° 45'

15.50 chs. To E. bank of lake (gov. chainage)

Found no evidence of gov. M.C.

40.00 Found no evidence of gov. 1/4 cor.

55.49 Intersect Smith Lake Truck Trail.

69.61 Tied in 3 links south of gov. M.C.

on West bank of Island Lake

corner previously located.

10-18-34

1/4 cor. common to sec. 17-18 - T. 58 N. R. 25

W. 4th Mer. (resurvey corner)

corner is 1" iron pipe 8' long.

Post missing, recst. 4' aspen post

3' long by iron pipe

B.T. 8" W. pine N. 22° E. 32 links

Placed U.S.F.S. poster on B.T.

E. from 1/4 S. 17-18 - thru S. 17. V. 5° 45'

1.98 To W. bank of Ruby Lake

Took right triangle across

Ruby Lake with baseline

of 2 chs. and angle of 76° 15'

802 distance across lake.

10.00 Leave lake.

11.66 Enter swamp, brs. N.W. & S.E.

19.22 To W. bank of lake brs. N. & S. 2 chs.

Offset at right angle S. 2 chs.

N. to get by lake.

6.7 chs. offset at right angles

2 chs. S. back to line

- 25.29 To east bank of lake.
 25.90 Leave swamp.
 41.00 Intersect Smith Lake Truck Trail.
 44.66 Enter willow swamp brs. N. & S.
 46.00 Leave " " " "

10-19-34

- 60.97 Enter open bog brs. S.E. & N.W.
 66.31 Leave " " " "
 74.34 To W. bank of lake brs. N. & S.
 $\frac{1}{4}$ corner common to S. 17-16
 located in lake.
 Estb. app. M.C. on W. bank of lake.
 3" N. pine post - 3' high
 Placed U.S.F.S. poster on 3" W. birch
 N. 87° W. 47 links.

Estb. app. $\frac{1}{4}$ corner common
 to S. 8-17 by pro-rating the dis. bet. S.C.
 4" aspen post 36" high.

Placed U.S.F.S. poster on 6" aspen
 S. 61° W. dis. 31 links.

S. From app. $\frac{1}{4}$. S. 8-17 T. 58 N. R. 25 W.

- 6.20 Enter open meadow brs. N.E. & S.W.
 17.60 Leave " " " "

10-22-34

- 39.33 Intersect E & W line 1 lk. E of C. of S.
 Estb. app. center of section.

4" aspen post 30' high.

Placed U.S.F.S. poster on 7" asp.
 N. 72° W. dis. 20 links.

- 41.28 Intersect Smith Lake Truck Trail.
 Placed U.S.F.S. poster on 4" aspen
 at intersection of $\frac{1}{4}$ line & trail

- 78.38 Intersect E & W line 1 ch. W. of app.
 $\frac{1}{4}$ corner common to S. 17-20.

Estb. app. $\frac{1}{4}$ corner common to
 Sec. 17 & 20 by prorating the
 distance bet. sec. corners and
 estb. it 30 lks. south of S. line S. 17-20
 4" aspen post 30" high.

Placed U.S.F.S. poster on 9" N. pine
 S. 15° E. 119 links.

Section line bet. S. 17-18 is a
 transit line which we brushed out

10-23-34

Sec. 20-T58 N. R. 25 W. 4th Mer.

South bet. S. 19-S. 20. V. 6°

Sec. corner common to S. 17-18-19-20
previously located - described
on page 24

corner is located in open bog brs. NW
SE

13.10 Leave bog brs. N.W. & S.E.

29.00 Enter alder swamp brs. E. & W.

30.50 Leave " " " " " "

40.00 Found no evidence of $\frac{1}{4}$ corner

44.60 Intersect road brs. E. & W.

10-24-34

Crew didn't work

10-25-34

80.00 Failed to locate corner com-
mon to Sec. 19-20-29-30

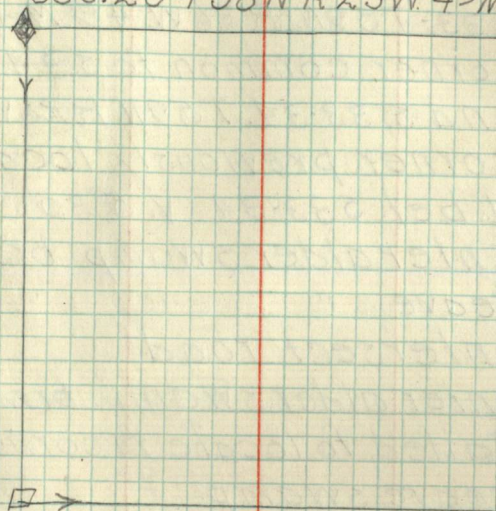
Estb. temporary sec. corner.

4" aspen post 36" high

Placed U.S. A.S. poster on 4"
aspen S. 38° E. dis. 51 links.

E. bet. S. 20-29 V. 5° 30'

pd

Sec. 20-T58 N. R. 25 W. 4th Mer

10-26-34

S. 33-T59N. R26W. 4th Mer.

Corner common to S. 3-4 T58N. R26W

and S. 33-34. T59N. R26W. 4th Mer.

Corner previously located

N. bet. S33-34 \angle 5°30'

20.25 Enter alder swamp brs. N & S.

22.50 Leave " " " "

37.22 Intersect road

38.30 Enter alder swamp brs. E & W.

40.00 Failed to locate $\frac{1}{4}$ corner

40.18 Leave swamp.

42.38 To S. bank of lake

Found old gov. M.C.

10-29-34

Estb. temporary $\frac{1}{16}$ S33-34
by chaining.West From So. $\frac{1}{16}$ Sec. 33-34. \angle 7°

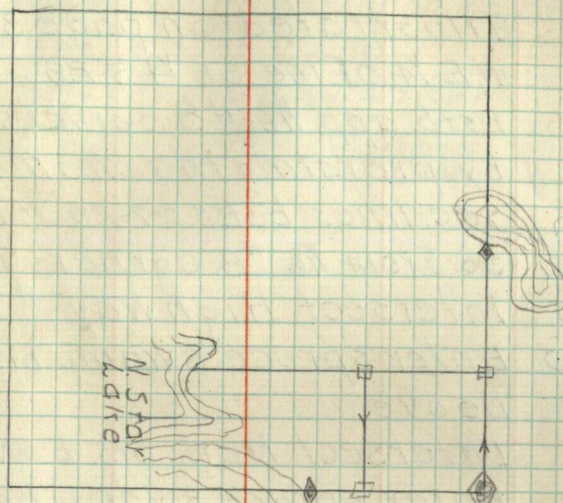
2.41 Enter spruce swamp brs. E & W.

4.35 Leave " " " "

20.00 Estb. app. #7 $\frac{1}{16}$ S. 33.

33.28 Intersect highway #38.

50.70 To E. bank of N. star lake.

Placed good spruce stake
at bank of lakeS 33-T59N. R26W. 4th Mer.So. From #7 $\frac{1}{16}$ S. 33. \angle 5°30'

13.70 Enter alder swamp brs. N & S.

20.00 Estb. East $\frac{1}{16}$ S33-34- 60 links
N. of transit line.

10-30-34

S. 28-T58N. R. 26W. 4th Mer.

Illustrated on page 38

N.E. 1/4 of the S.E. 1/4 S. 28

Estb. app. 1/6 #8 corner on 1/4 line
by prorating the chainage bet
sec. lines bet. S. 27-28 and 28-29
So. from 1/6 #8 corner. V. 6°

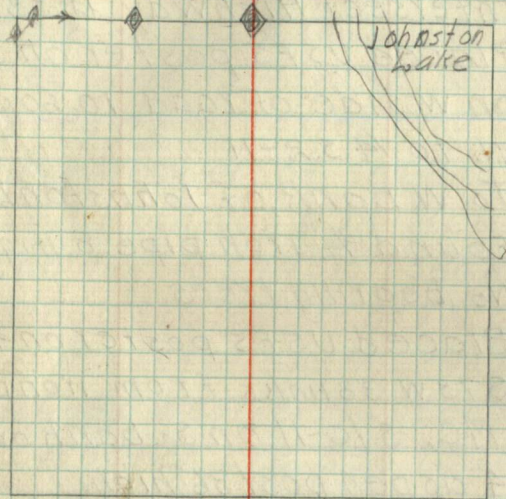
- 2.15 Intersect Highway #38
14.20 Enter spruce swamp brs N. 5.
15.75 Leave " " " "
17.10 Intersect trail brs. E. & W
18.30 Enter spruce swamp brs N. 4 S.
20.00 Estb. App. 1/6 #7 S. 28
East from app. 1/6 #7 V. 7°
2.50 Leave spruce swamp, brs. N. 5
9.00 Intersect Highway #38
17.28 Intersect sec. line bet. S. 27-28
Estb. app. S. 1/6 S. 27-28
2" square b. ash stake 4' high.
T 57N. R. 26W. 4th Mer.
Mc. of Sec. 2 & 11. East bank
of orange Lake.
4" aspen post 20" high (broken off)
3/4" iron pipe 10" high
B.T. 7" aspen N. 89° E. dis. 28 links

pro

B.T. 8" aspen stump N. 14° W. dis. 40 links

Placed USFS poster on N.E. B.T.

E. bet. S. 2-11 V. 6° 30'

S. 11-T 57N. R. 26W. 4th Mer.

- 19.60 Ch. Tied in 7 links So. of W. 1/6 S. 2-11.
V. 1/6 S. 2-11 is a good land office cor.
4" balsom post 36" high
3/4" iron pipe 6" high
B.T. 7" W. pine S. 17° E. dis. 29 links
B.T. 11" W. birch N. 88° W. dis. 35 links
Placed USFS poster on S.E. B.T.
39.14 Tied in 9 links So. of 1/4 S. 2-11
1/4 cor. is a good land office cor.
4" W. cedar post 40" high

pro

$\frac{3}{4}$ " iron pipe 8" high

B.T. 7" W. cedar S53°E dis. 5 links

B.T. 9" W. cedar N.64E. dis. 38 links

Placed U.S.F.S. on S.E. B.T.

50.60 Intersect Highway #38.

Placed U.S.F.S. poster on 5" aspen
on W. side of road 10.60 chs.

W. to $\frac{1}{4}$ S.R-11

53.50 To W. bank of Johnston Lake

Found $\frac{3}{4}$ " iron pipe 8" high

No bearing trees

Placed U.S.F.S. poster on 4" aspen

S73°W. 38 links from iron pipe.

M.C. S. 10-11 on So. bank of lake

4" aspen post 36" high

$\frac{3}{4}$ " iron pipe 8" high

B.T. 7" W. birch N72°E. dis. 30 links

B.T. 7" aspen stump S36°W. 34 links

Placed U.S.F.S. poster on N.E. B.T.

M.C. is a good land office corner.

So. bet. S. 10-11 v. 6°

11-1-34

Crew - Perry - Meagher

located corners and set

posters at intersection of

sec. lines and roads.

Placed U.S.F.S. poster on 5" telephone
pole on East side of Marcell High-
way #38. on section line between
S. 21-16 - 11 chs. E. to corner common
to sections 15-16. 21-22 T58N. R26W. 4th Mer.

Placed U.S.F.S. poster on 7" aspen
at intersection of sec. line bet 59 &
10 and Highway #38 - 8 chs. N. to
 $\frac{1}{4}$ common to 59 & 10 T58N. R26W. 4th Mer.

Placed U.S.F.S. poster on 9" N. pine on
the W. side of Smith Lake Truck Trail
150 links West to M.C. sec. 2 T58N
R26W. 4th Mer. and S. 35 T59N. R26W. 4th Mer.

Placed U.S.F.S. poster on 5" aspen on
So. side of Smith Lake Truck Trail. 2.25
chains So. to corner common to
4 townships T58N. R26W. - T59N. R26W
T. 58N. R25W. - T59N. R25W. 4th Mer.

Moved $\frac{1}{4}$ ^{corner} common to sec. 2 - T58N -
R26W. 4th Mer. and sec. 35 - T59N - R26W.
4th Mer. 10 links S. 7°E. The road grade
of Smith Lake Truck Trail goes thru
original position of $\frac{1}{4}$ corner
corner is a 4" maple post 30" high

B.T. 7" aspen N. 38° E. dis. 101 links
 B.T. 8" aspen S. 25° W. dis. 100 links
 Placed U.S.F.S. poster on 4" W.
 birch S. 5° E. dis. 16 links
 Sec. corner common to sec. 142
 T58N-R26W-4th Mer. and sec 364
 35 T59N-R26W-4th Mer. Was
 originally located where the
 road bed of Smith Lake Trail
 is now. Moved post N. 6° W. 20
 Links.
 Placed U.S.F.S. poster on 5" aspen
 N. 4° E. 25 links.
 5" spruce 30" high
 3 cornered iron pin 14" high.
 B.T. 4" W. birch S. 25° W. 50 links
 B.T. 7" aspen S. 60° E 95 links
 B.T. 8" aspen N 21° E 88 links
 B.T. 7" aspen N. 25° W 86 links
 Moved E. 1/6 cor. S. 2-T58N-R26W
 and S35-T59N-R26W-4th Mer. N. 6° W.
 40 links from original position
 Placed U.S.F.S. poster on 5" aspen
 N. 22° W. 40 links from original post.
 4" W. birch post 30" high
 B.T. 7" aspen N. 14° W. 59 links.

1395779
 m^o

11-2-34

Crew - Perry - Meagher
 Made 3 posts and set them
 along Highway #38 on lots
 1-2-3.

11-5-34

Located trail in sec. 10-T57
 N. R25W-4th Mer. (crew-1 Man)

11-6-34

Placed signs on lots 1-2-3
 T58N-R26W-4th Mer. (crew-1 Man)

11-7-34

Crew - 4 Men
 T57N-R25W-4th Mer.
 W. 1/6 S10-515.
 4" cedar post 36" high
 3 cornered iron pin 12" high
 B.T. 6" aspen N. 57° W. dis. 72 links
 B.T. 6" b. spruce N 24° E. dis. 86 links
 Placed U.S.F.S. poster on 7" balsam
 N 45° E. dis. 25 links. (good corner)
 N. from W. 1/6 S10-515. $\angle 5^{\circ} 30'$
 460 Intersect trail brs. NE & SW.
 680 Intersect same trail
 19.20 Enter alder swamp. Brs. E & W.
 21.60 Leave same

pr^o

70.00 To So. bank of wet marsh
brs. NW & SE.

Took right angle across marsh
with 3 chain base and
74° angle.

11-8-34

80.30 To N. bank of
wet marsh
brs. NW & SE.

Estb. temporary W. 1/6 S 3-510
and run west. V. 5°

20.00 Found no evidence of cor.
common to S. 3-4-9-10

set stake for app. corner.
North between S. 3-4 V. 6°

11.60 Enter open meadow brs. NE & SW

15.30 Leave same.

40.00 Found no evidence of gov. 1/4 cor.

11-9-34

Crew - Perry & Saari

Took census in T. 58N. - R. 26W. 4th Mer.

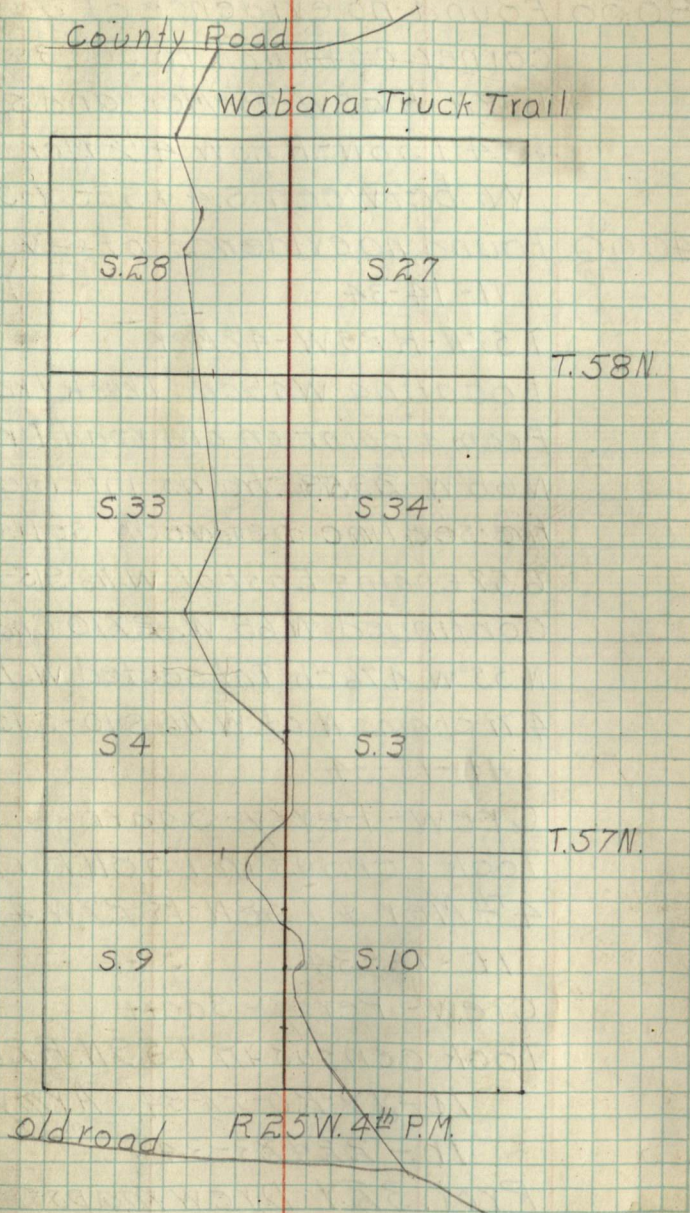
11-13-34

66.00 Enter spruce swamp brs. E & W.

69.30 Leave " " " "

73.70 Enter alder swamp brs. E & W

76.70 Leave " " " "



80.00 Found no evidence of gov.
corner common to sec. 3 & 4
T57N. R25W-4th Mer. and sec. 33
& 34 T58N-R25W. 4th Mer.
W. between S. 4 & S. 33 V. 5°

40.00 Found no evidence of Gov. 1/4 cor.
11-14-34

T57N-R25W-4th Mer.

Locating Wabana Truck Trail

From a point on old road I run
N. 68° W. 23.58 chains intersecting
the sec. line between sec. 15 & S. 10
6.57 chains East of W. 1/6 S. 15-S. 10.

Continued N. 68° W. 27.10 chains

N. 55° W. 4.76 ch. Intersected W. 1/6 line
4.71 chains N. of W. 1/6 S. 10-S. 15

11-15-34

Crew - Perry - Saari.

Took census in T58N. R26W

4th Mer. & T58N-R27W 4th Mer.

11-16-34.

Crew - Perry - Saari

Took census in T59N-R26W. 4th Mer.

11-19-20-22-34 Army pass

11-22 & 23-34.

Proj. 32.1 Drew maps

11-26-27-28-30 & 34-12-3-4-5-6-34.

Continued locating Wabana Truck
Trail

N. 68° W. 27.00 chs. N. 21° E. 4.00 chs

N. 50° W. 5.75 " N. 17° W. 2.00 "

N. 37° W. 25.80 " N. 3° W. 12.40 "

N. 61° W. 3.75 " N. 28° W. 3.60 "

N. 37° W. 5.70 " N. 6° W. 2.00 "

N. 14° E. 6.00 " N. 60° W. 23.00 "

Intersect 1/4 line N. 25° W. 23.50 "

16 chs. W. of 1/6 #4 Int. 10 chs E. of 1/6 S. 33-4 N. 22° E. 28.60 "

Sec. 10. N. 10° W. 105.50 "

N. 14° E. 5.70 chs N. 24° E. 5.20 "

N. 10° W. 5.60 " N. 5° E. 4.00 "

N. 35° W. 5.15 " N. 41° W. 7.30 "

S. 88° W. 4.50 " N. 35° W. 14.50 "

N. 47° W. 2.12 " Intersect sec. line

N. 28° W. 16.80 " bet. S. 21-28 T58N-R23W.

N. 68° W. 4.80 " 1 chs. E. of 1/4 S. 21-28.

Due N. 8.00 " N. 6° W. 4.70 chs

N. 16° E. 4.00 " N. 10° E. 17.30 chs.

N. 46° E. 12.00 " Intersected county

Intersect sec. line road - 5.50 chs. E. of

bet. Sec. 3-4-1680 1/4 line S. 21.

Chs. No. of Sec. Cor.

3-4-9-10

12-7-34

T. 58N. R. 25W. 4th P.M.

S.W. 1/4 of the S.W. 1/4 S. 9.

Est. app. W. 1/6 S. 9-16 by pro-
rating the distance bet sec. 9-10-15-16
and section corner 8-9-16-17N. From W 1/6 S. 9-16 $\angle 6^\circ$.

20.00 Est. app. 1/6 #5 sec. 9.

4" N. pine post 30" high

W. from 1/6 #5 S. 9 $\angle 5^\circ 45'$

3.00 Intersect Smith Lake Truck Trail.

17.00 Enter spruce swamp, brs. N & S.

19.50 Est. S. 1/6 S. 8-9.

4" spruce post 36" high

S. From So. 1/6 S. 8-9.

2.50 Leave spruce swamp.

9.05 Intersect Smith Lake Truck Trail.

19.55 To N. bank of Little Island Lake.

Placed 4 cornered 2" W. birch

stake for M.C. 58-59.

No evidence of gov. M.C.

P.M.

12-10-34

T. 58N. - R. 27W. 4th P.M.Found a 5' tamarack blazed on 4
sides for 1/4 corner common to S. 14-15

Est. temporary post

4" tam. post 40" high

Placed U.S.F.S. poster on 5' tam. N.

88° E. dis 33 links

E. from 1/4 S. 14-15 $\angle 3^\circ 45'$

25.00 Leave spruce swamp

39.60 Intersect N & S 1/4 line at 41.97 links

No. of 1/4 S. 14-23

56.00 Enter spruce & cedar swamp

80.00 Found no evidence of gov. 1/4 Cor. S. 14-13.

12-11-34.

T. 59N. - R. 26W. 4th P.M.

Located 1/4 cor. S. 12-7

So. from 1/4 S. 12-7 $\angle 7^\circ$

2.00 To N. bank of lake.

40.00 Marked point on ice for corner
to sec. 12-13-7-18.W. between S. 12-13. $\angle 7^\circ$

Run 20 chains of picket line.

12-12-34.

Continued picket line.

40.00 Est. app. 1/4 S. 12-13

Placed U.S.F.S. poster by road
Run 5 chs. So. of $\frac{1}{4}$ S 12-13.
and then run S. 83° W. The
first 20.00 chs. has consid-
erable pine, very little the
last 20 chs.

12-13-34

Sec. Cor. Common to Sec. 13-14
23-24. T 59 N. R. 26 W. 4th P.M. has
been previously located
E. bet. S 13-24 $V. 7^\circ$

At 25 chs. I run south 20 chs.
Continued E. bet. S. 13-24
to 35 chs. then run So. 20 chs.

12-14-34

Sec. Cor. 13-14-23-24.
West bet. S. 14-23 $V. 7^\circ$
I run 35 chs. then run 40 chs.
N. thru W. $\frac{1}{2}$ of S.E. Sec. 14.

12-17-34

T 59 N. R. 26 W. 4th P.M.
Run 2 lines North from sec line
between Sec. 12-13 thr. the S.E. $\frac{1}{4}$
of the S.E. $\frac{1}{4}$ sec. 12 for the
acquisition crew

12-18-34.

T 58 N. R. 26 W. 4th P.M.
Sec. Cor. common to Sec. 19-30-24-25
located by John Milne.

So. between Sec. 25-30 $N. 6^\circ$

20.18 To N. $\frac{1}{6}$ S 30-25.

5" cedar post 36" high.

B.T. 14" birch stump 584° W. 25 links

B.T. 8" W. Cedar N. 51° W. 66 links

Placed U.S.F.S. poster on 5" balsam

S. 62° E. - 14 links.

40.15 To $\frac{1}{4}$ S 30-25

3 $\frac{1}{2}$ " W. Cedar post 30" high - 1" iron pipe 6".

B.T. 6" Maple snag. 541° W. 65 links

Placed U.S.F.S. poster on 5" aspen
N 61° W. 58 links.

60.24 To So. $\frac{1}{6}$ S 30-25

B.T. 8" N. pine N. 19° W. dis. 53 links

Placed U.S.F.S. poster on 4" aspen

N. 39° E dis. 31 links.

3 $\frac{1}{2}$ " cedar post 36" high

1" iron pipe 8" high.

80.36 To sec. cor. common to S. 31-36-25-30

Corner located by Meagher.

12-20-34. So. From MC. Sec. 13-18.

Run 60 chs. of line for acquisition crew.

12-21-34.

T. 59N.-R. 26W.-4th PM

Sec. Cor. common to sec. 20-21-28-29

Cor. is a 5" cedar post 36" high.

also 3/4" iron pipe 8" high.

B.T. 9" aspen S45°W dis 19 links

B.T. 10" aspen N. 55°W dis. 57 links

B.T. 8" aspen S43°E dis 98 links

Placed USFS poster on S.W. B.T.

E. between sec. 21-28 V. 7°

20.14 To W. 1/6 S. 21-28.

4" b. ash post 36" high 3/4" i. pipe 8" high

B.T. 10" aspen N 14° E dis. 38 links

B.T. 6" aspen S48°E. dis. 42 links

Placed USFS poster on NE B.T.

28.35 Intersect Highway #38.

31.00 Enters spruce swamp brs. N45

40.16 To 1/4 sec. 21-28

4" spruce post 36" high - 3/4" i. pipe 6" high

B.T. 6" tamarack stump S72°E dis 18 links

Placed USFS poster on 6" aspen

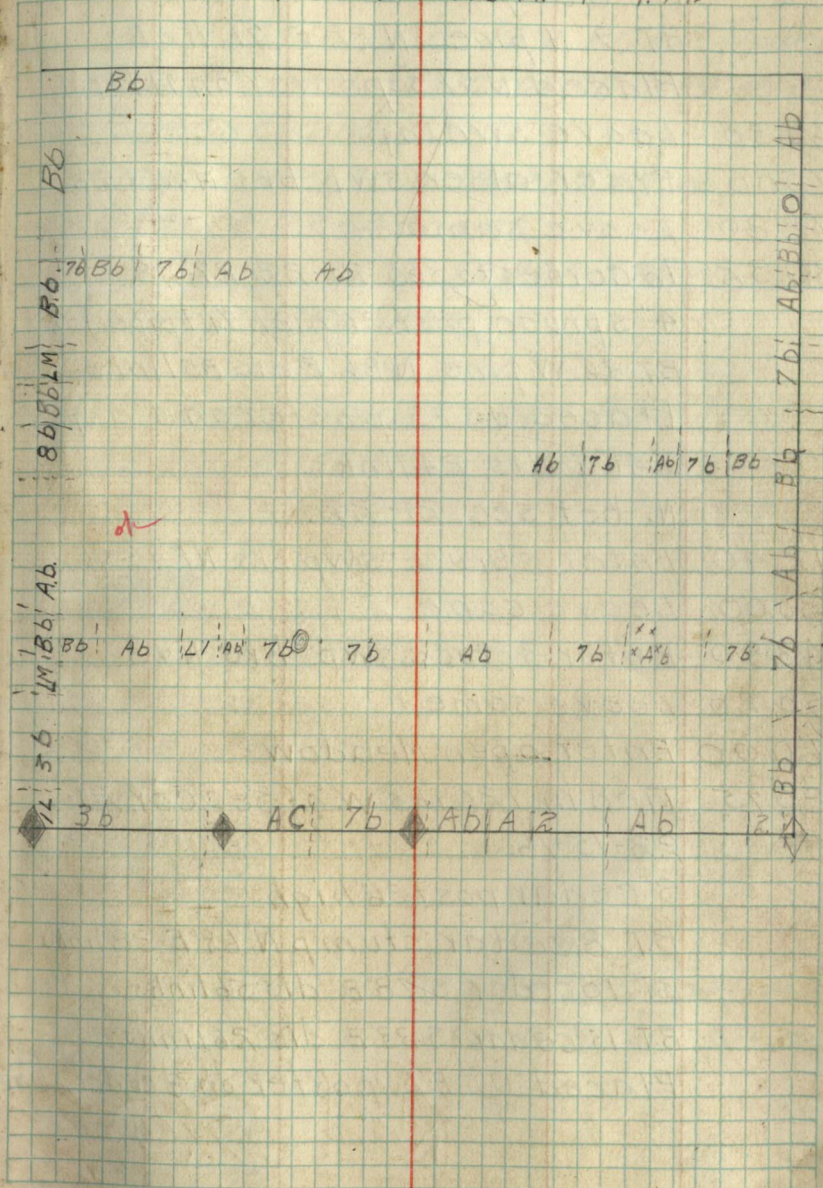
N. 6° E dis. 15 links.

41.50 Leaves spruce swamp brs. N45.

56.00 Enter alder swp. brs. N45

60:18 To E 1/6 Sec. 21-28.

4" w. pine post 36" high 3/4" i. pipe 6" high

S. 21-T 59N.-R 26W.-4th PM.

B.T. 6" aspen S. 39° E 42 links

B.T. 9" N. pine N. 22° E 71 links

Placed U.S.F.S. poster on N.E. BT

60.30 Leave swamp

75.00 Enter alder swp. brs. N.W. & S.E.

78.80 Leave same

80.32 To corner to sec. 21-22-27-28.

4" spruce post 36" high $\frac{3}{4}$ " I pipe. 10 high

B.T. 36" W. pine N 86° E dis 35 links

Placed U.S.F.S. poster on 5" aspen

S. 41° E dis. 24 links.

N. bet sec. 21-22.

12.40 Enter spruce swp brs. NE & SW.

25.00 Leave same

43.90 Enter spruce swp. brs. N & S.

50.20 Leave same

60.00 Enter open meadow

80.75 Tied in 126 lks W. of sec. cor. 21-22-15-16.

3" cedar post 36" high

B.T. 8" cedar stump N. 68° E 38 links

B.T. 10" cedar S. 78° E. dis 56 links

B.T. 15" cedar S. 33° E. dis 26 links

Placed U.S.F.S. poster on 8" cedar stump

(NE BT)

4-10-35

Orientation of Day Lake Tower

Post #1 decl. from tower N. 49° 10' E.
dis. 14.58 chains.

Post #2 decl. from tower S. 65° W.
distance 23.94 chains.

Post #3 decl. from tower S. 76° 20' E.
distance 13.86 links.

~~✗~~

Proposed Spider Lake Fire Trail.

Sec. corner common to sec. 13-14-23-24

T 58 N - R 26 W. 4th P.M. (tie in of fire trail)

S. 31° E 8 chains

S 7° W - 4 "

S. 6° E. 8 " culvert

S. 12° E 12 "

S 33° E. 24 "

S. 13° E. 16 " culvert

S. 16° E 2 "

S. 29° W 4 "

S. 24° W 2 "

S. 21° W 3.84 " intersect sec line (S. 24-25)

S 74° W 5.57 " 77 links W. to S.C. 23-24-25-26

S. 17° W. 4.00 "

S. 89° W. 7.24 "

S. 53° W. 2.00 "

S. 7°W 4. chs.
 S. 26°W 4. "
 N. 74°W 4. "
 N. 52°W 8.75 "
 N. 73°W 4.00 "
 N. 50°W 2.00 "
 N. 87°W 2.00" culvert.
 S. 76°W 4.00" inter. s.c. bet. s. 23-26
 S. 76°W 2.00" inter. old road.

#

5/19/35

Sec. corner common to 20-21-28-
 29-T59N-R26W-4th P.M. (located)
 No. bet. sec. 20 & 21. V. 6°E.
 Illustration on page 66
 2.00 chs. enter cedar swamp brs. E. W.
 4.00 " leave " " " "
 12.56 Intersect road to "Idle Wild"
 19.95 To so. 1/6 sec. 20-21-(59-26)
 1/6 cor. is a 4" b. ash post
 30" high - 3/4" iron pin.
 B.T. 7" balsam N 62°W. dis. 23 links
 B.T. 5" W. birch N. 10°E. dis. 23 links
 Placed U.S.F.S. poster on N.W. B.T.
 So. 1/6 S. 21-20 County resurvey cor.
 30.38 to highway #38

39.93 to 1/4 cor. sec. 20-21-T59N-R26W
 cor. is a 4" W. cedar post 32" high
 also 1" iron pipe 12" high.
 B.T. 7" N. pine S. 28°W. dis. 43 links.
 B.T. 10" N. pine S. 59°E. dis. 29 links.
 Placed U.S.F.S. poster on S.E. B.T.
 cor. is a county resurvey cor.
 45.93. enter ash swamp brs. NW & S.E.
 50.15 Leave " " " " " "
 60.76 To N. 1/6 S. 20-21 (59N-26W) county resur.
 cor. is a 4" spruce post 30" high
 also 1" iron pipe 12" high
 B.T. 7" W. pine N 61°E. dis. 34 links
 B.T. 5" W. pine S. 23°W. dis. 38 links
 Placed USFS poster on N.E. B.T.
 81.51 To sec. corner 20-21-16-17 (resur. cor)
 Cor. is a 5" cedar post 36" high
 also 3 cornered iron pin.
 B.T. 5" aspen N 37°W. dis. 57 links.
 B.T. 5" cedar S. 47°E. dis. 154 links.
 Placed USFS poster on S.E. B.T.
 E. between S. 20-18 V. 5°15'E.

P.T.

1/4 Cor. S. 20-21 T. 59N. R. 26W. 4th P.
E. thru sec. 21 V4°30' East.

16 Run
3.80 Enter tam. swp. brs. NE & S.W.
9.50 Leave same
32.00 Enter alder swp. brs N. & S.
37.70 Leave same

↙ **R**
Rerun 1/4 line V6°30' E

3.80 Enter spruce & tam. swp. brs. NE & SW
9.50 Leave same
13.00 Enter ash swp. brs. N. & S.
15.00 Leave same
32.74 Enter alder & spruce swp. brs. N. & S.
40.57 Leave same
58.47 Enter black spruce swp.
66.00 Leave same
68.26 Enter tam. swp. brs. N. & S.
73.12 Leave same
81.00 Intersect N. & S. sec. line
98 links No. of 1/4 S. 21-22
Est. 1/6 #8 S. 21 by prorating
the distance.
3" b. spruce post - 36" high

placed USFS poster on 4" b.
spruce NN°E. dis. 4 links
1/6 Cor. #8 S. 21 located in 7b swp.
Estb. c. of sec. 21 by prorating
dis. from 1/4 Cor. to 1/4 Cor.
3" balsam post 36" high
Placed USFS poster on 5" W. Spruce

Estb. 1/6 #8 sec. by Prorating
S. 44° E. dis. 15 links.

W

↙ **R**
E. from So. 1/6 S. 20-21 (59-26) V6°
9.30 Intersect highway #38
18.00 Enter alder & tam. swp. brs. NW & SE
21.10 Leave same
23.80 Enter b. spruce swp. brs. NW & SE
29.63 To small circular pond.
offset at right L around So. side
off Lake 2.15 across lake
31.76 Leave Lake
40.95 Leave spruce swp.
54.00 Enter alder & spruce swp. brs. NW & SE
62.38 Leave same
71.00 Enter spruce swp.

- 80.42 Intersect N & S sec. line
5 links N. of South $\frac{1}{16}$
S. 21 & S. 22 T. 59 N. R. 26 W. - 4th PM
Estb. $\frac{1}{16}$ # 7 S. 21 by prorating
the distance.
3" b. spruce post 36" high
Placed U.S.F.S. poster on 5"
black spruce tree S. 64° W
4.4 links from corner.
Cor. located in 7th swp.
Est. $\frac{1}{16}$ # 6 S. 21 by prorating
the distance
3" b. spruce post 36" high
2.5 links S. of line.
Placed U.S.F.S. poster on 5"
b. spruce tree N. 63° E - 22 links
from post.
Estb. $\frac{1}{16}$ # 5 S. 21.
4" W. birch post 36" high.
Placed U.S.F.S. poster on 7"
tam. S. 8° E - dist. 23 links.
No. from $\frac{1}{4}$ S. 21 - 28 V. 7° E.
3.62 Leave alder & tam. swp.
9.10 Enter alder & b. spruce swp.
11.90 Leave same
14.92 Enter black spruce swp.

- 20.10 Intersect E & W. line 11 links
East of $\frac{1}{16}$ cor. no. 6 S. 21
23.60 Leave spruce swamp.
40.45 Intersect E & W. line 33 links
west of center of sec. post.
set over to center of section
corner and continued No. V. 6° 30'
41.09 Enter alder swamp
43.09 Leave same
51.95 Enter alder swamp
64.35 Leave same
56.81 Enter cedar & alder swamp.
59.75 Leave same
70.81 Enter alder & balsam swamp
81.28 Intersect E. & W. line 93 links
East of $\frac{1}{4}$ corner - S. 21 & S. 16.
4" b. ash post 36" high.
B.T. 6" bamofgilud S. 68° E. 55 links.
B.T. 6" tamarack S. 40° W. dis. 16 links.
Placed U.S.F.S. poster on S.W.B.T.
East from N. $\frac{1}{16}$ S. 20-21 V. 6° E.
1.70 Enter black spruce swamp
3.40 Leave same
10.40 Enter b. spruce swamp
16.00 Leave same

- 40.78 Intersect N. & S. line 129
Links No. of $\frac{1}{16}$ #2 S. 21.
Set app. $\frac{1}{16}$ #2 by prorating
the distance.
3 $\frac{1}{2}$ " aspen post 36" high.
Placed USFS poster on
5" aspen S. 50° 30' E. dis. 13 links.
Set over to $\frac{1}{16}$ #2 and continued
East $\frac{1}{16}$ #2 Local alt. 315° E.
- 16.70 To brook - 8 links across, brs.
N.W. & S.E.
- 18.00 To cultivated field.
- 20.10 To fence brs. N. & S.
- 34.00 Enter open meadow.
- 40.36 Intersect sec. line between
S. 21 & 22 - 38 links No. of No. $\frac{1}{16}$
Sec. 21-22. M
- 9-9-34
- S. 22 - T. 58 N - R. 25 W - 4th PM
Sec. corner common to sections
14-15-22-23, previous located
So. bet. S. 22-23. $\sqrt{6'15"}$
- 7.58 Leave open bog
- 39.44 Found probable G.L.O. B.T.
Set temporary post by refer-
ring to G.L.O. notes.

- placed 4" aspen post 15 lks. E. of
random line.
- placed USFS poster on 9" N.P.
S. 28° W. - 18 lks. from corner.
E. from $\frac{1}{16}$ S. 22-23. $\sqrt{5'15"}$
S. 22 is 80.74 chs. long and by
prorating distance I estb. $\frac{1}{16}$ cor.
#8 at 20.18 chs.
- N Placed USFS poster on corner
post (3" aspen post)
N. from $\frac{1}{16}$ #8 S. 22 $\sqrt{6'15"}$ V 5'15" 20'22" A
#6 * 1
- 39.31 Estb. app. E. $\frac{1}{16}$ S. 22-15.
by prorating distance V 6'15" 3'35" A 4'5" 15'10" A
bet. S.C. 15-16-21-22 E $\frac{1}{2}$ of the
and S.C. -14-15-22-23 N E $\frac{1}{4}$
- Placed USFS poster $\sqrt{5'22"}$
on 9" N.P. S. 10° E. - 8 lks. T. 58 N
E. from E. $\frac{1}{16}$ S. 15-22 $\sqrt{5'15"}$ R. 25 W
- 580 Intersect T. T. #580 V 5'15" 20'18" A
- 1860 Enter open meadow
- 20.23 Intersect N. 45 line 14 links So.
of S.C. to sec. 14-15-22-23.
- P 10

Pages 089-End
are blank